

Abstract

Liquid fuel injectors are provided. The liquid fuel injectors allow the injection of a fine spray of liquid fuel. The liquid fuel injectors utilize a schrader valve movable between an open position and a closed position. When the schrader valve is in the closed position fuel flow is blocked and purge gas is allowed to flow through the fuel injectors. 5 When the schrader valve is in the open position, the flow of purge gas is blocked and fuel is allowed to flow through the fuel injector. In this manner, the fuel injectors provide for an immediate and automatic purge of the fuel lines when the fuel flow is shut off.